



REPLACEMENT SHEET

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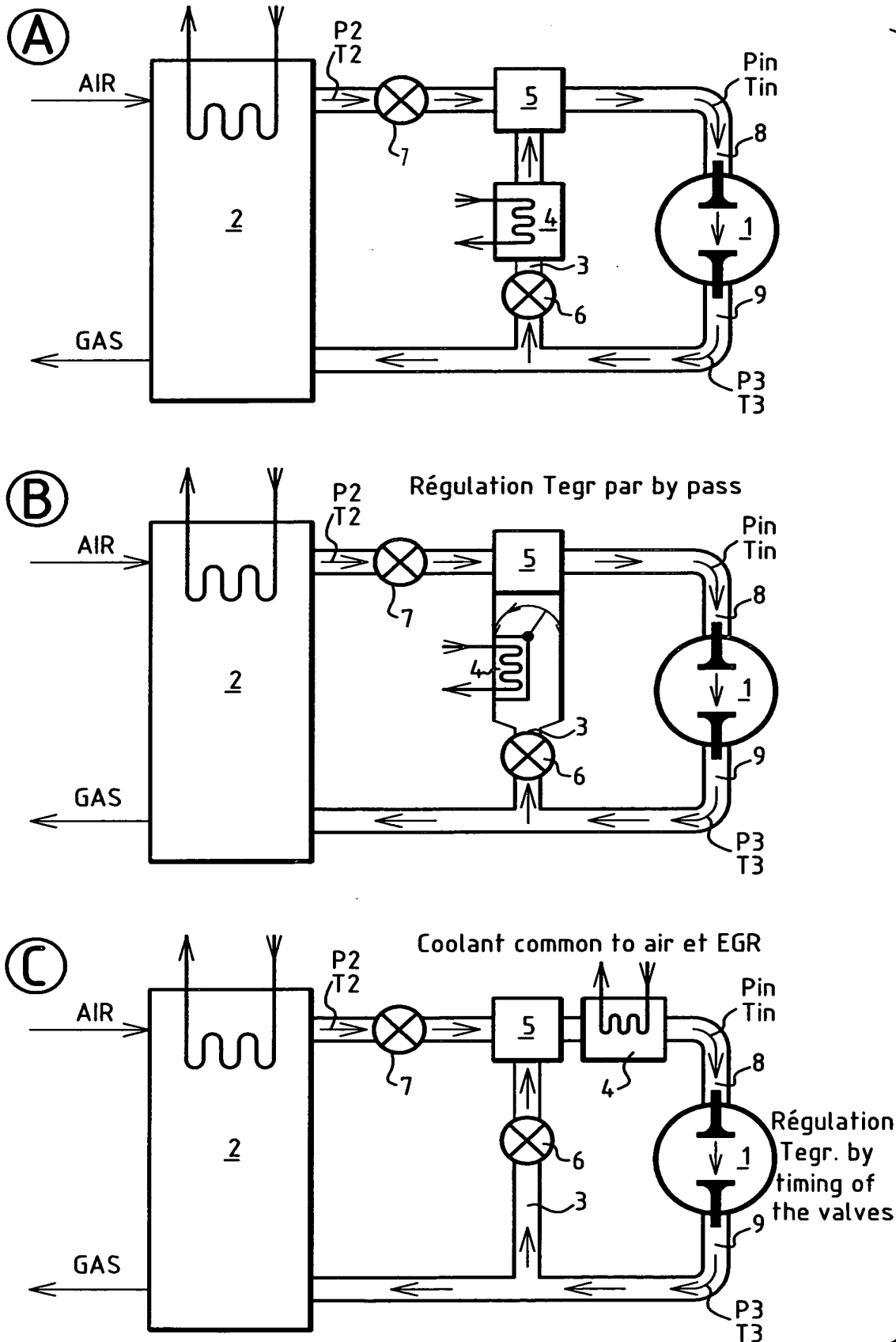


FIG.1

REPLACEMENT SHEET

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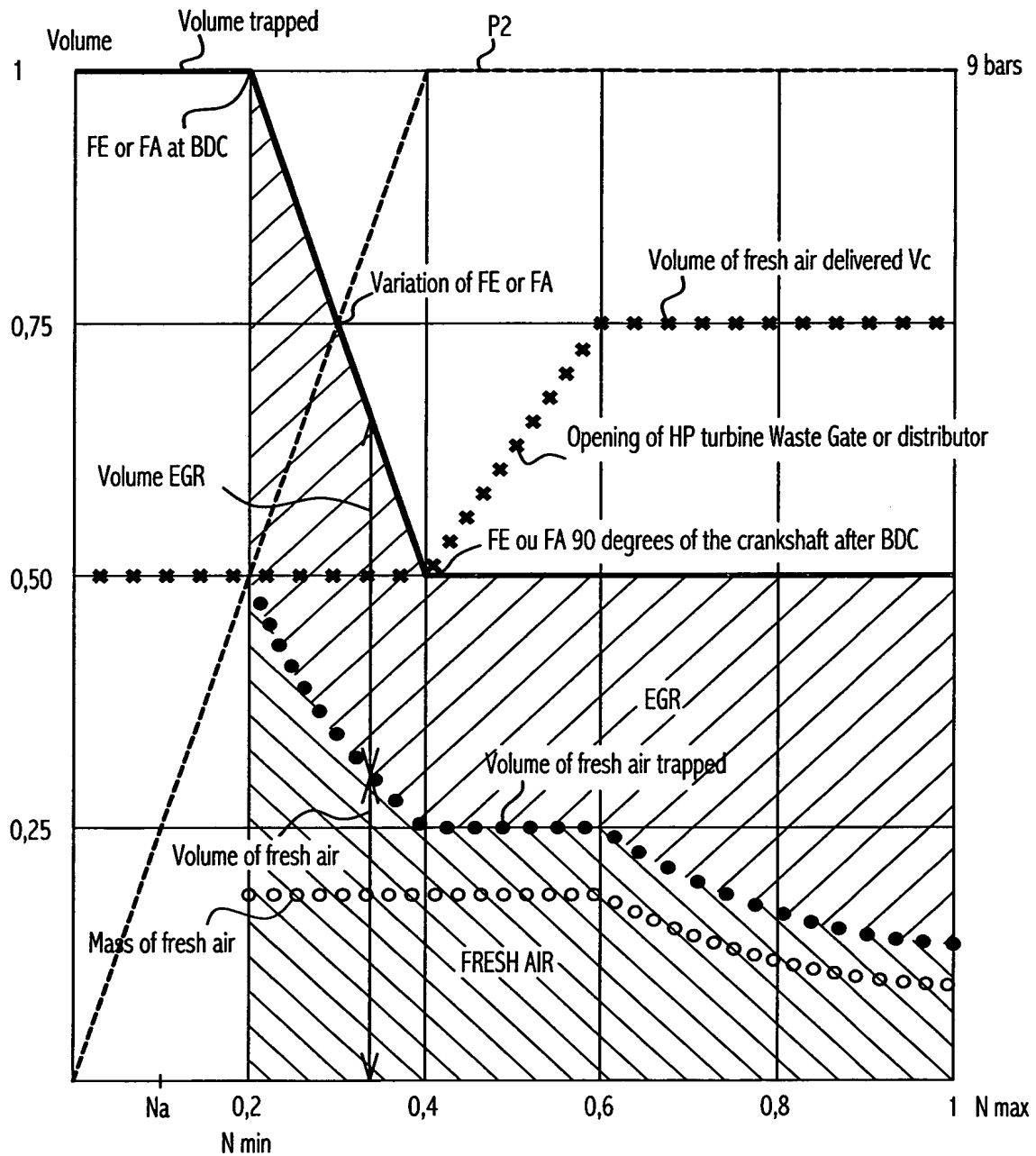
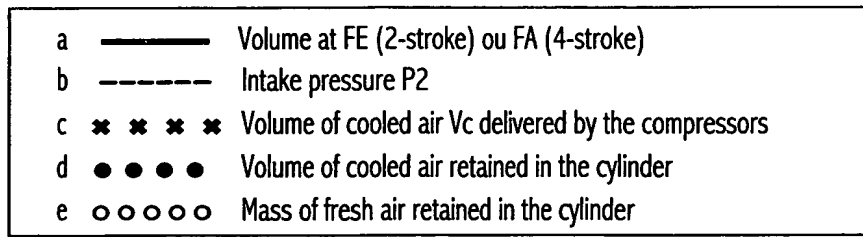


FIG.2

SERIES CONFIGURATION-VARIABLE TIMING OF THE VALVES
PME

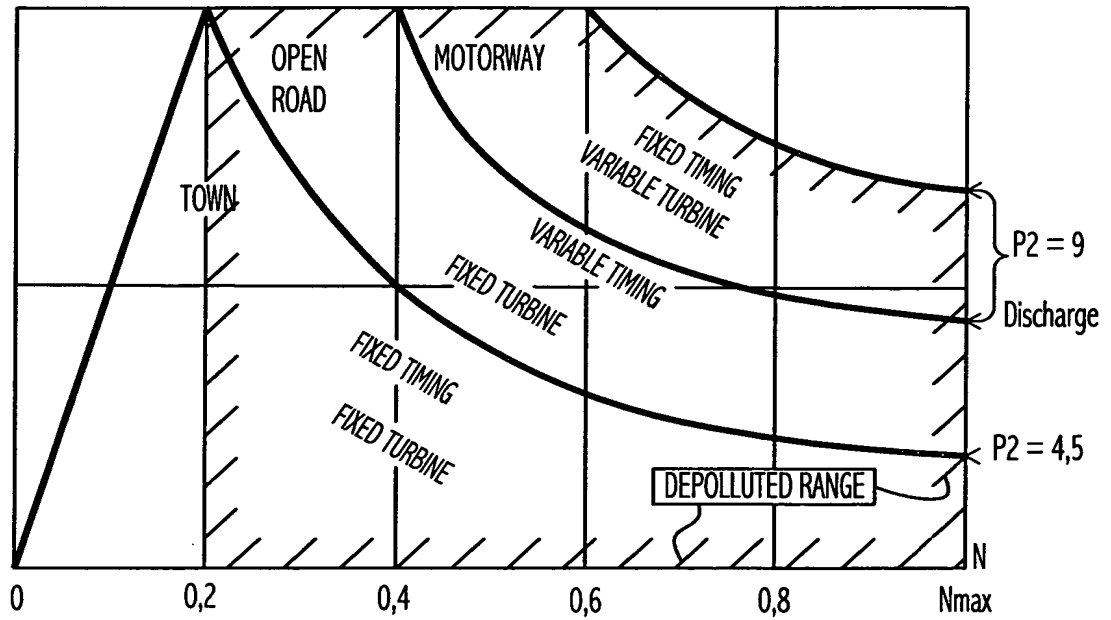


FIG.3A

SERIES / PARALLEL CONFIGURATION - FIXED TIMING OF THE VALVES
PME

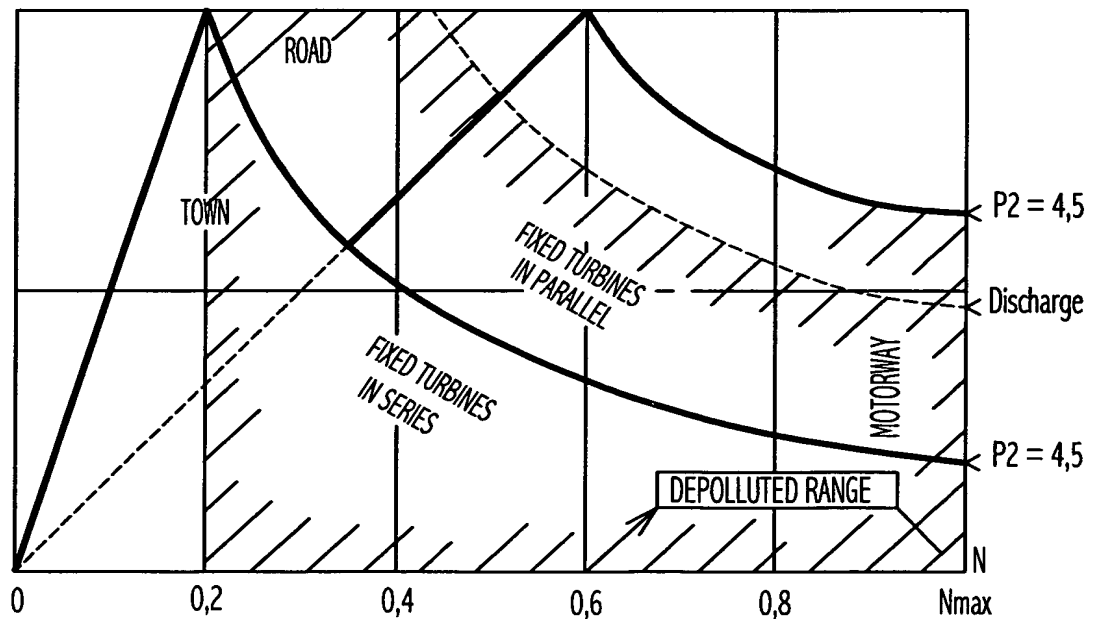


FIG.3B

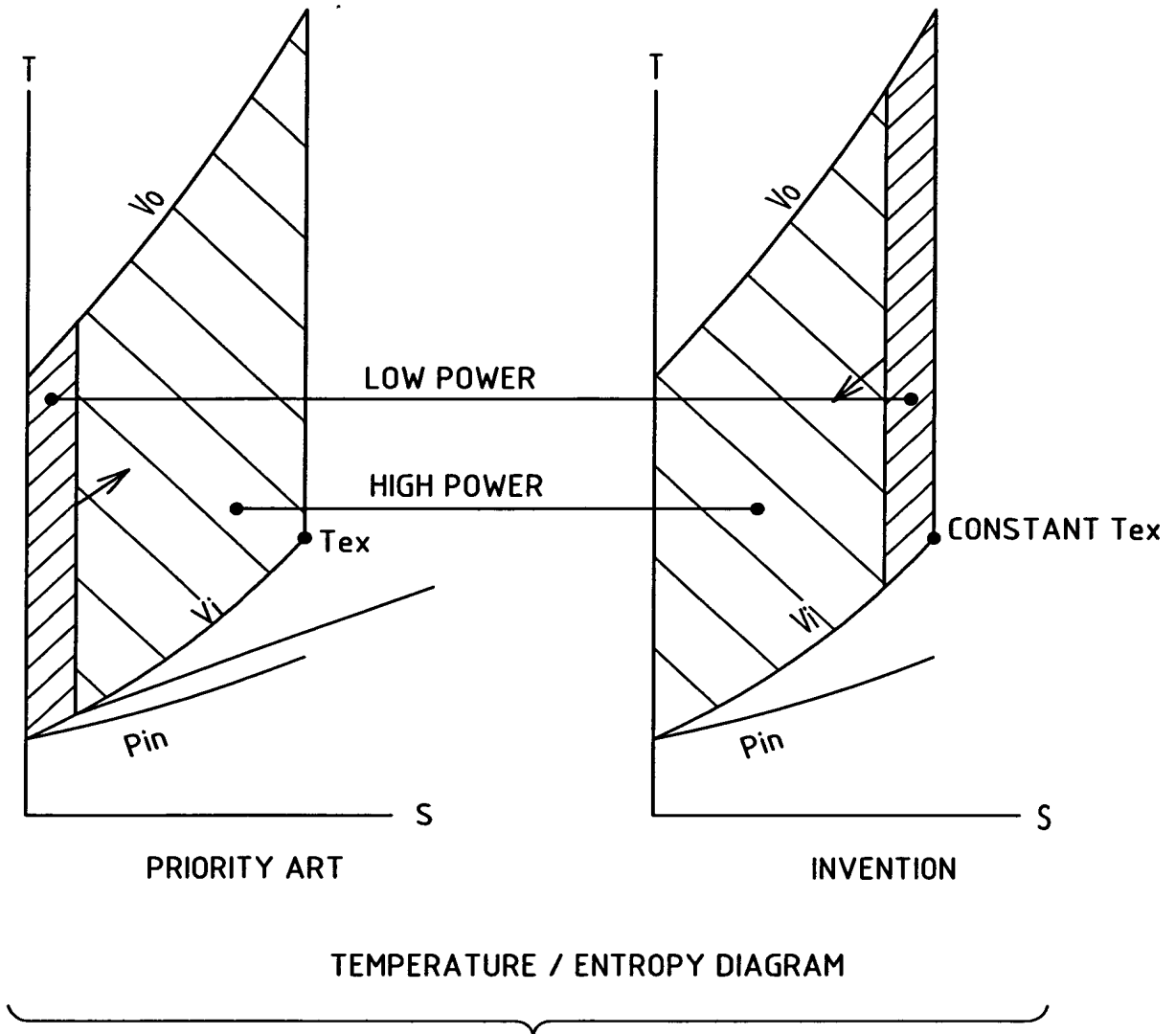
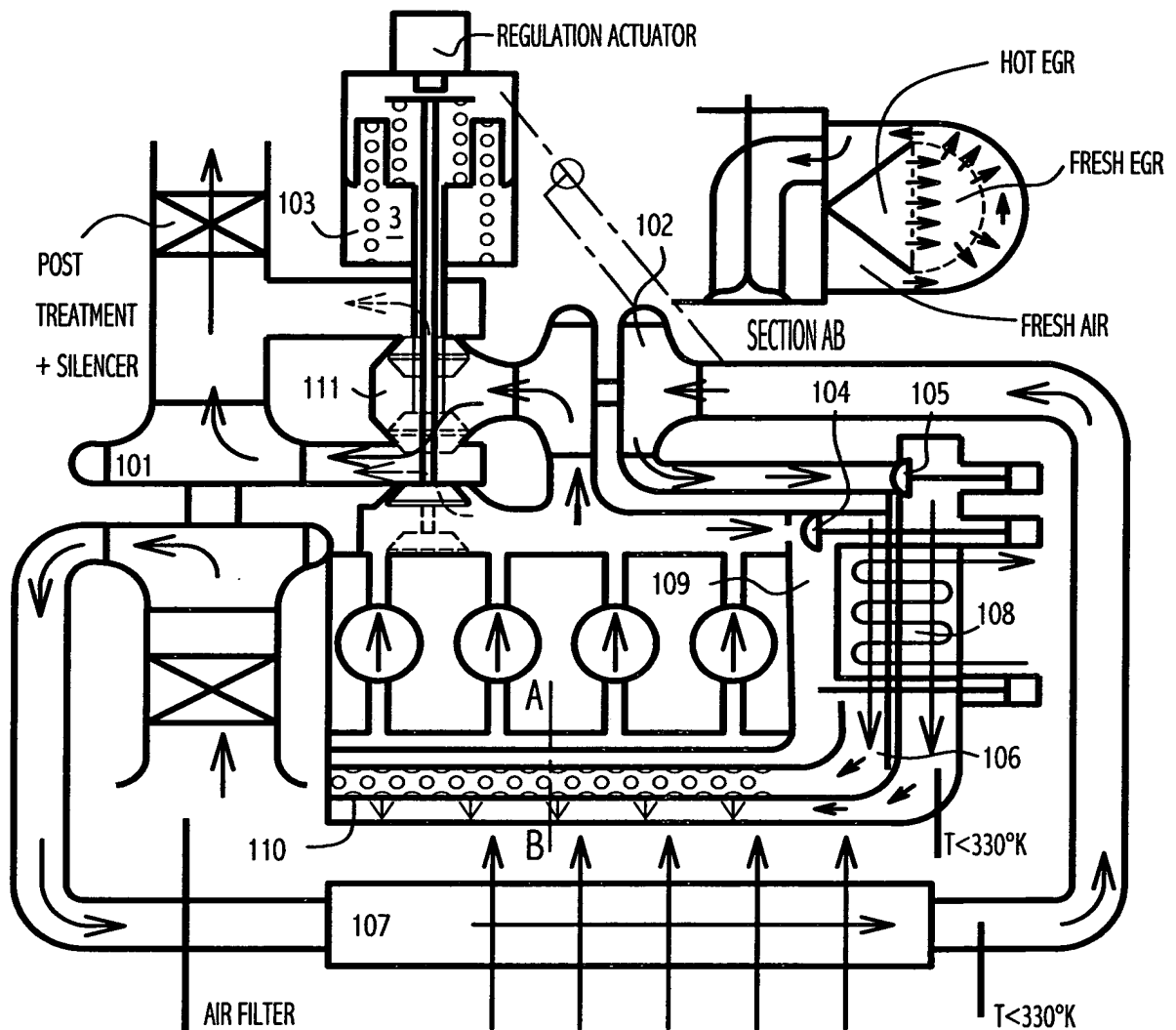


FIG.4



- 101. HP TURBOCHARGER
- 102. LP TURBOCHARGER
- 103. HP/LP DOUBLE WASTE GATE WITH ELECTRIC CONTROL AND PNEUMATIC ROCKING
- 104. CONTROLLED EGR VALVE
- 105. CONTROLLED INTAKE VALVE

- 106. CONTROLLED EGR COOLANT BYPASS GUILLOTINE
- 107. LP AIR/AIR COOLANT
- 108. HP AIR/WATER EGR COOLANT
- 109. GAS/WATER EGR COOLANT
- 110. MIXER OF HOT EGR/COLD EGR/FRESH AIR
- 111. HP TURBINE OUTLET CONDUIT

FIG.5

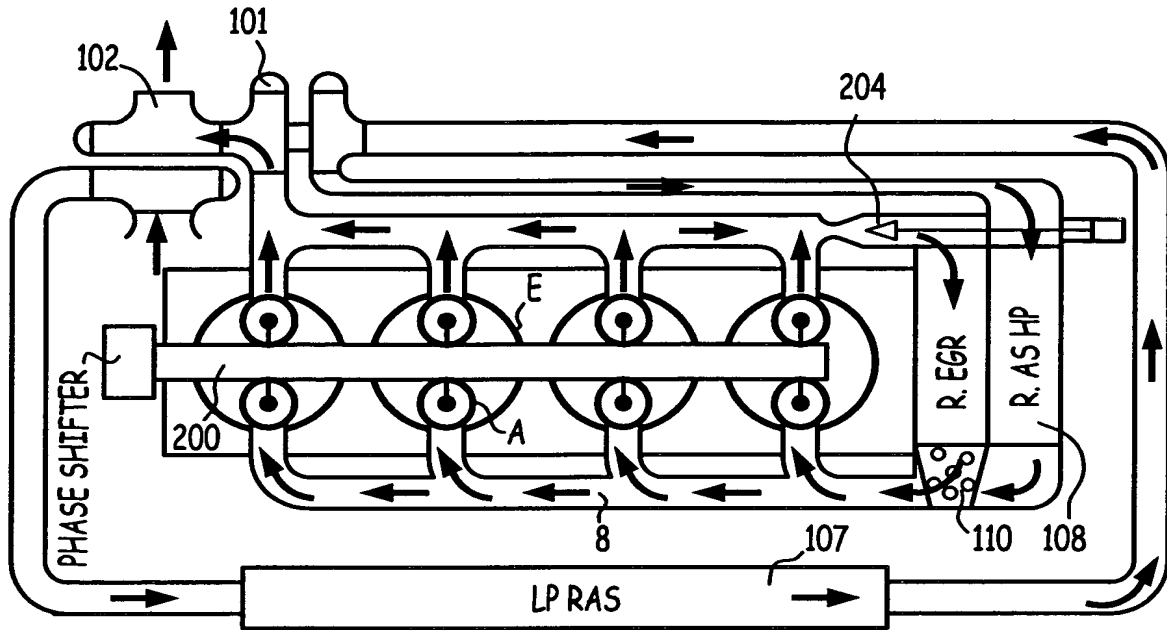


FIG. 6

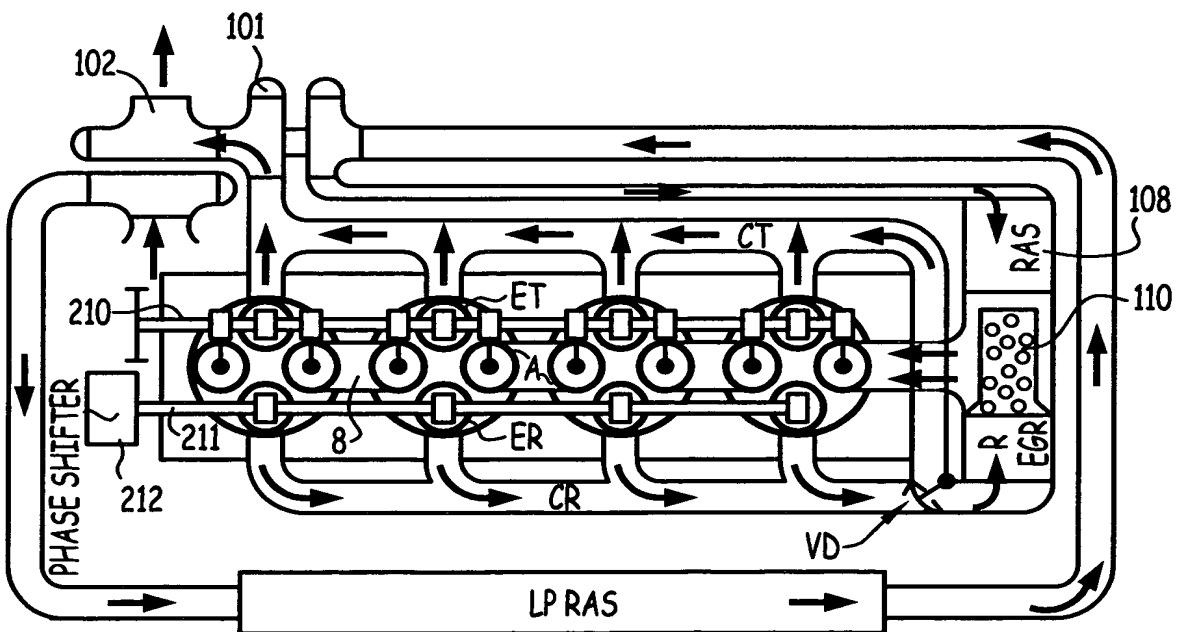


FIG. 7

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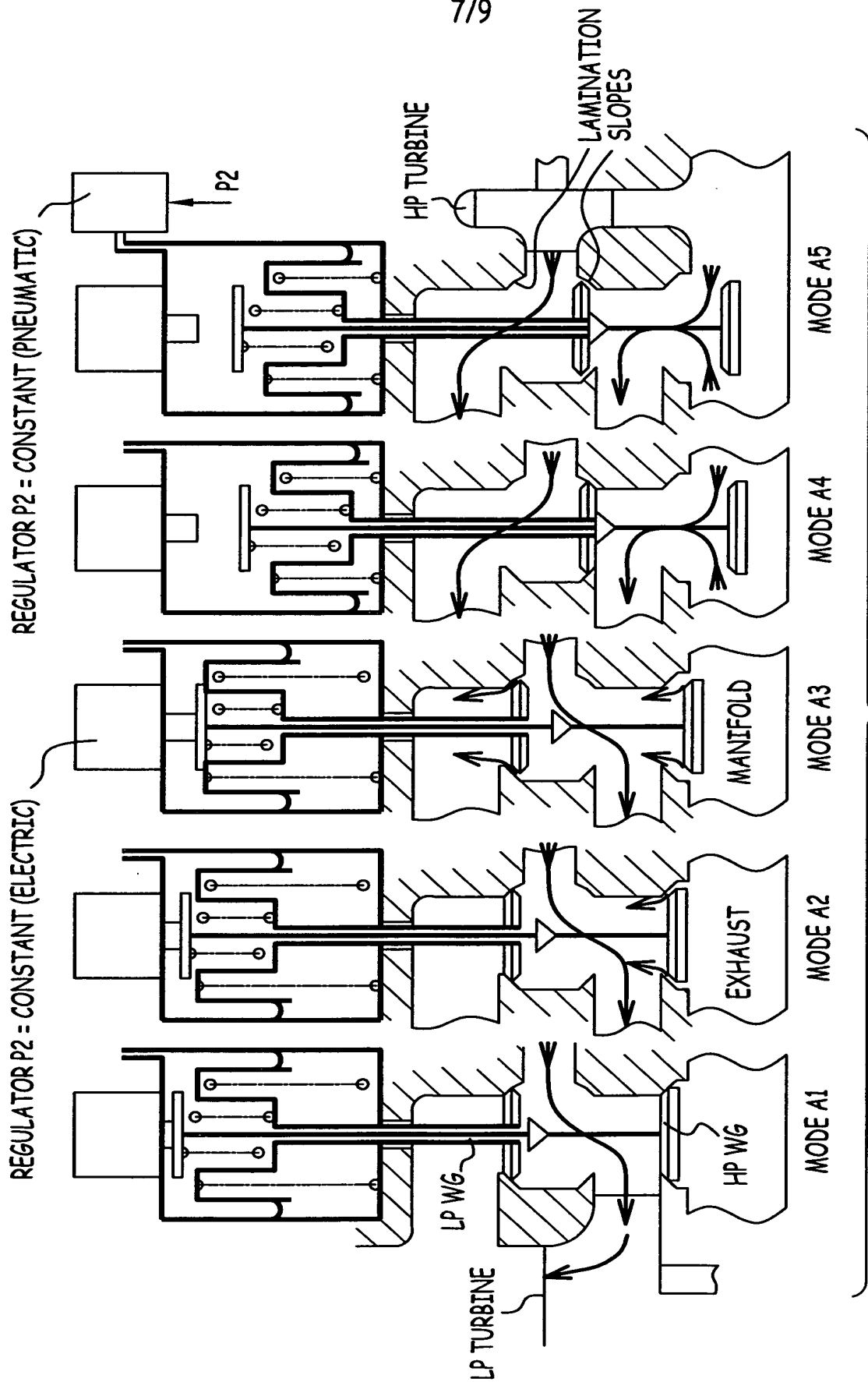
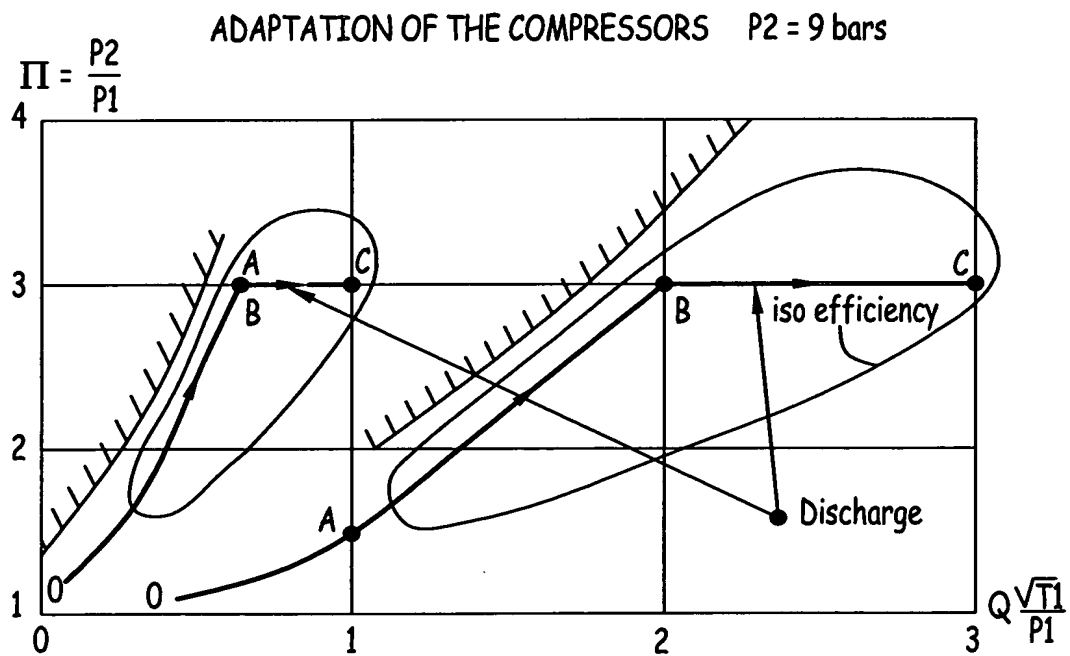
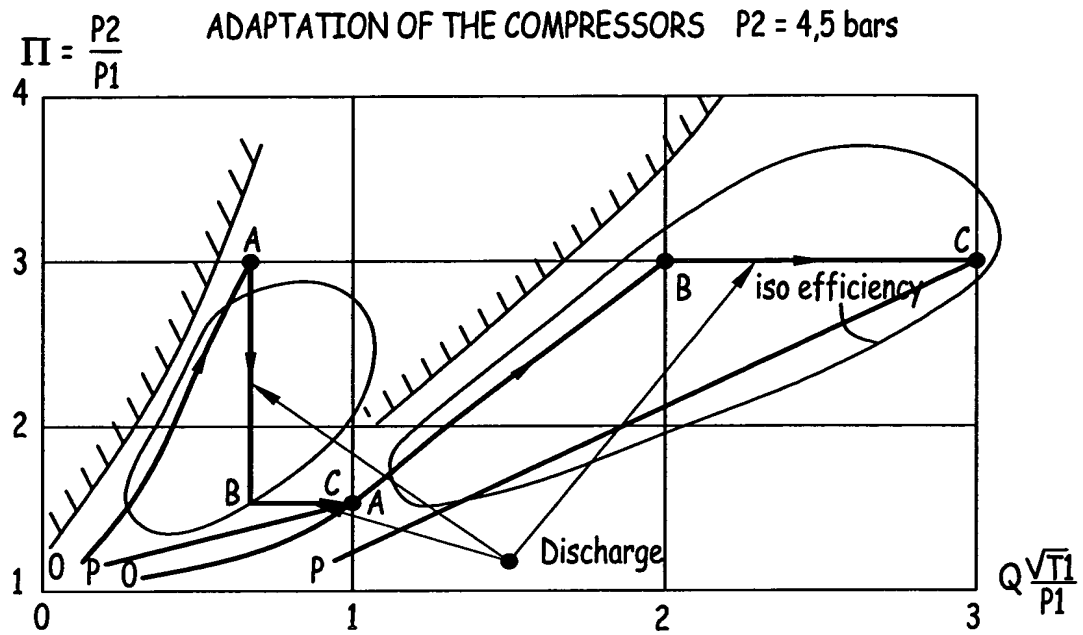


FIG.8



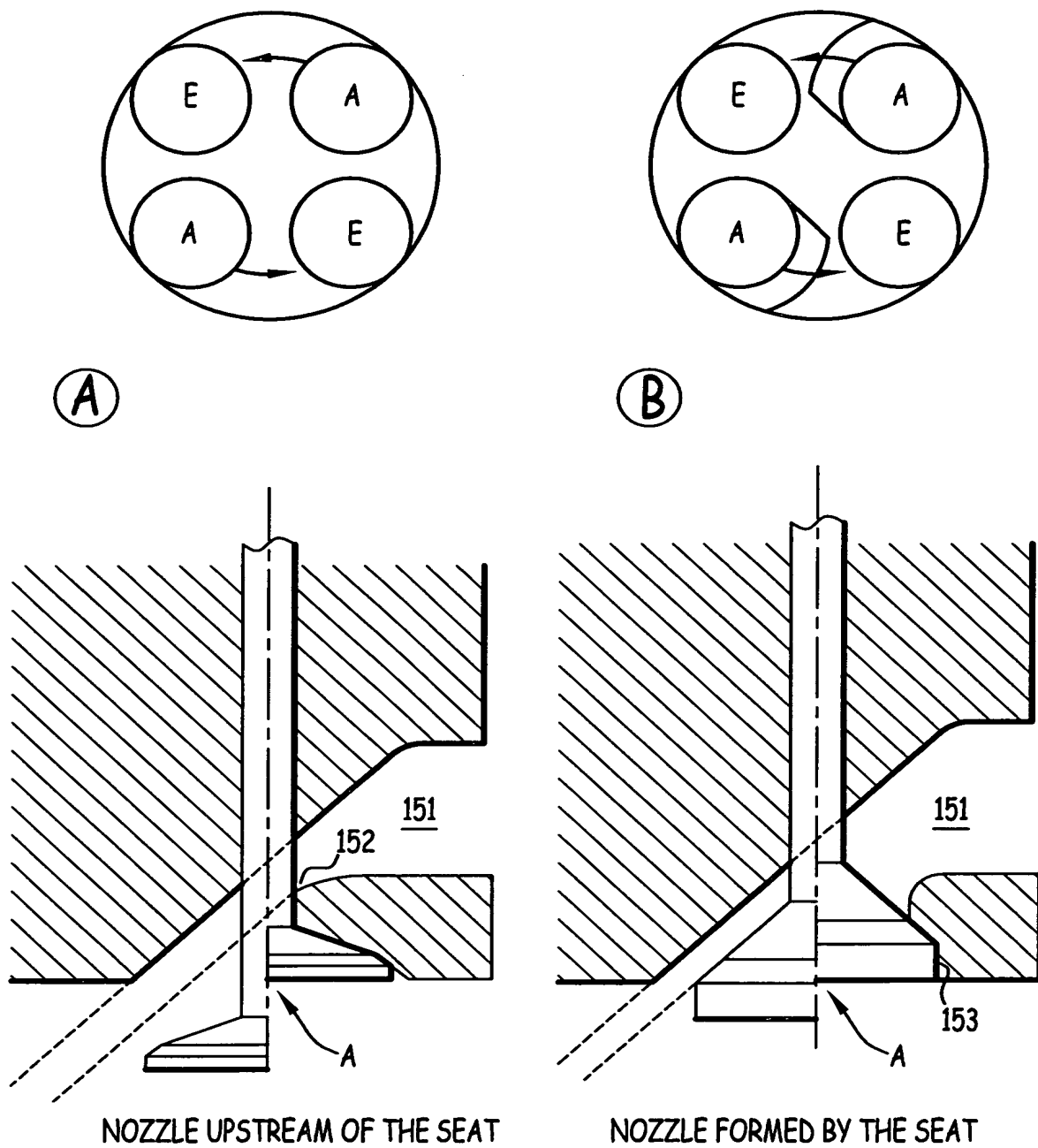


FIG. 11